

APPLICANT(S): STEPHENS, Adrian  
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### AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently Amended) A method for delivering information in a wireless network, the method comprising:

receiving from a client application, a request for delivery of the information, wherein the request includes a multicast address and a quality of service attribute;

checking an existence of said multicast address in a multicast schedule and updating said multicast schedule or creating a new multicast schedule in response to the request based on the existence of the multicast address;

coordinating a power saving protocol;

sending a response to the client application confirming scheduling of the request; configuring a response and coordinating [[a]] said power saving protocol of the client to to accomodate accommodates the scheduled multicast delivery of the information [[to]] with the client application; and

sending the information to the client application according to the multicast schedule.

2. Cancelled.

3. Cancelled.

4. Cancelled.

5. (Original) The method of claim 1 further comprising:

deleting the multicast schedule after all clients associated with the multicast schedule have been sent the information.

6. (Original) The method of claim 5 wherein deleting the multicast schedule comprises receiving a deletion request from each client associated with the multicast schedule to delete the multicast schedule.

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7. (Currently Amended) The method of claim 1 wherein the wireless network comprises a wireless local area network (WLAN) and wherein the request comprises a transmission specification (TSPEC) request including said multicast address and said quality of service attribute.

8. (Currently Amended) The method of claim [[2]] 1 wherein the response comprises a transmission specification (TSPEC) TSPEC response.

9. (Currently Amended) A method of receiving information in a wireless network, the method comprising:

sending a request for delivery of the information, the request including a multicast designation address and a desired quality of service attribute;

receiving a response ~~confirming~~ that confirms a scheduled ~~multicast~~ delivery of the information to an application layer, the scheduled multicast delivery of the information created in response to the request for delivery of the information;

~~configuring~~ coordinating a power saving protocol to accommodate the scheduled ~~multicast~~ delivery of the information to awake state based on a multicast schedule; and

receiving the information according to the scheduled ~~multicast~~ delivery.

10. Cancelled.

11. Cancelled.

12. Cancelled.

13. (Currently Amended) The method of claim 9 ~~wherein the wireless network comprises~~ comprising receiving the information over a wireless local area network (WLAN).

14. (Currently Amended) The method of claim 13 ~~wherein~~ comprising receiving the information over the WLAN uses orthogonal frequency division multiplexing (OFDM).

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15. (Currently amended) The method of claim 9 wherein sending the request comprises sending a transmission specification (TSPEC).

16. (Currently Amended) The method of claim 9 further comprising sending a schedule deletion request to delete from said ~~[[a]]~~ multicast schedule.

17. (Currently Amended) A wireless communication apparatus comprising:

~~a processing circuit to coordinate a power saving mode of the apparatus with a multicast delivery schedule specified by a network device, wherein the processing portion includes~~

an application requesting media to request a multicast delivery of information;

a media access controller (MAC) operably coupled to the application requesting media to send a request including a multicast designation address and a desired quality of service attribute to delivery of deliver the multicast information from [[the]] a network device, to receive a notification from the network device that confirms a scheduled of the multicast delivery schedule, and to indicate confirmation of a scheduled multicast delivery of the information from the network device to an application layer [[.]]the scheduled multicast delivery of the information created in response to the request for delivery of information; and to coordinate a power saving protocol to accommodate the scheduled delivery of the information to an awake state of the communication apparatus based on a multicast schedule; and

a radio frequency (RF) interface operably coupled to the processing circuit media access controller (MAC) to transmit and receive the request and the information over an air interface.

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

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21. (Previously Presented) The apparatus of claim 17 wherein the MAC is further configured to send a delete request message requesting removal of the apparatus from the multicast schedule.

22. (Previously Presented) The apparatus of claim 17 wherein the apparatus comprises a wireless user station (STA) and a network adaptor.

22. (Cancelled)

23. (Previously Presented) The apparatus of claim 17 further comprising:  
at least two antennas coupled to the RF interface.

24. (Currently Amended) A wireless communication apparatus comprising:

a processing circuit to ~~determine a wireless multicast delivery schedule in accordance with power saving modes of multiple client devices and to notify the multiple client devices of the multicast delivery schedule; and~~

~~wherein scheduling of the wireless multicast is based on one or more requests having a multicast address and received from one or more network devices, and a power saving protocol of the multiple clients is configured to accommodate the scheduled multicast delivery.~~ receive from a client application a request for delivery of information, wherein the request includes a multicast address and a quality of service attribute, to check an existence of said multicast address in a multicast schedule, to update said multicast schedule or to create a new multicast schedule based on the existence of the multicast address, to coordinate a power saving protocol, to send to the client application a response and to coordinate said power saving protocol to accommodate the scheduled multicast delivery of the information to the client application and to send the information to the client application according to the multicast schedule.

25. (Currently Amended) The device apparatus of claim 24 further comprising:

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~~[[an]] a radio frequency (RF) interface operably coupled [[with]] to the processing circuit and configured to transmit the wireless-multicast information to the client application according to the schedule determined by the processing circuit.~~

26. (Original) The apparatus of claim 24 wherein the apparatus comprises a wireless local area network (WLAN) access point.

27. (Cancelled)

28. (Previously Presented) The apparatus of claim 24 wherein the processing circuit is to send the schedule to one or more requesting network devices as a transmission specification (TSPEC) response.

29. (Currently Amended) The apparatus of claim 24 wherein the processing circuit is ~~[[further]] configured~~ to buffer application data packets for the wireless multicast until a time indicated on the multicast schedule.

30. (Original) The apparatus of claim 25 further comprising:  
at least two antennas coupled to the RF interfaces for enabling multiple input multiple output (MIMO) communications.

31. (Currently Amended) A wireless communication system comprising:  
a radio frequency (RF) transceiver;  
at least two antennas electrically coupled to the RF transceiver; and  
a ~~[[data]]~~ processing circuit electrically coupled with the RF transceiver, wherein the ~~[[data]]~~ processing circuit is to ~~determine a wireless-multicast delivery schedule in accordance with power saving modes of multiple client devices and to notify the multiple client devices of the multicast delivery schedule; and~~  
~~wherein scheduling of the wireless-multicast is based on one or more requests having a multicast address and received from one or more network devices, and a power saving protocol of the multiple clients is configured to accommodate the scheduled multicast~~

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delivery receive from a client application a request for delivery of information, wherein the request includes a multicast address and a quality of service attribute, to check an existence of said multicast address in a multicast schedule, to update said multicast schedule or to create a new multicast schedule based on the existence of the multicast address, to coordinate a power saving protocol, to send to the client application a response and to coordinate said power saving protocol to accommodate the scheduled multicast delivery of the information to the client application and to send the information to the client application according to the multicast schedule.

32. (Cancelled)

33. (Currently Amended) The wireless communication system of claim 31 wherein the requests comprise a transmission specification (TSPEC) including a multicast address and a quality of service (QoS) indicator.

34. (Currently Amended) The wireless communication system of claim 31 wherein the communication system comprises a wireless local area network (WLAN) access point (AP).